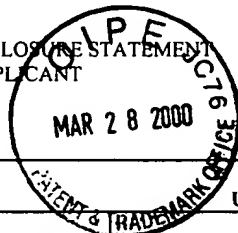


PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	3493.82491	09/475,293
	APPLICANT	
	Kung, et al.	
FILING DATE	GROUP ART UNIT	
December 30, 1999	Unknown 2666	

RECEIVED
MAR 29 2000
GROUP 2700



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
FD	5,999,525	12/7/99	Krishnaswamy et al.	—	—	—
FD	5,896,444	4/20/99	Perlman et al.	—	—	—
FD	5,809,128	9/15/98	McMullin	—	—	—
FD	5,805,587	9/8/98	Norris et al.	—	—	—
FD	5,479,411	12/26/95	Klein	—	—	—

FOREIGN PATENT DOCUMENTS

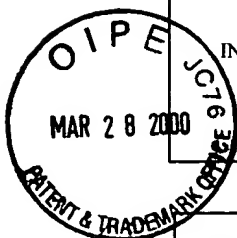
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
Not	59680/98	9/17/98	Australia	—	—	—
	0 905 959 A2	3/31/99	Europe	—	—	—
Con	0 856 981 A2	8/5/98	Europe	—	—	—
Study	0 800 325 A2	10/8/97	Europe	—	—	—
	0 794 643 A2	9/10/97	Europe	—	—	—
No	WO/99/14924	3/25/99	PCT	—	—	—
	WO 98/54871	12/3/98	PCT	—	—	—
Copies	WO 98/53617	11/26/98	PCT	—	—	—
	WO 98/52339	11/19/98	PCT	—	—	—

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Justin J. Junkus, "Cable Telephony's Oxymoron", Communication Technology, August 1999, Pages 24-26
Not	Evan Bass, "IP Telephony: The Race Heats Up—Vendors, Start Your Engines", Communications Technology, August 1999, Pages 48-50 & 52-55
Con	Justin J. Junkus, "SuperComm Highlights IP Telephony", Communication Technology, August 1999, Pages 72, 74, 76, 78, 79
Study	Fred Dawson, "Lighting a fire under IP telephony", GED, October 1999, Pages 46-56
	Mark Komanecky, "Solving IP Provisioning Challenges", CED, October 1999, Pages 82-88
	Brad Shewmake, "Microsoft teams With Nortel to offer Internet call waiting", InfoWorld Media Group, Inc., October 28, 1999, 1 page

EXAMINER	me Dy	DATE CONSIDERED	7/19/04
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.			

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	3493.82491	09/475,293
	APPLICANT	
	Kung, et al.	
	FILING DATE	GROUP ART UNIT
	December 30, 1999	Unknown



RECEIVED
MAR 29 2000
GROUP 2700
2666

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

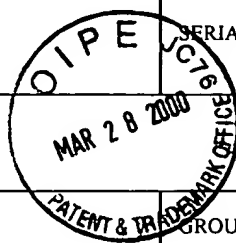
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
Not	WO 98/52332	11/19/98	PCT			
C	WO 98/51063	11/12/98	PCT			
O	WO 98/36551	8/20/98	PCT			
N	WO 98/24224	6/4/98	PCT			
S	WO 98/49448	5/7/98	PCT			
I	WO 98/49471	5/7/98	PCT			
D	WO 98/49240	5/7/98	PCT			
E	WO 98/07266	2/19/98	PCT			
R	WO 98/01985	1/15/98	PCT			
E	WO 97/47127	12/11/97	PCT			
D	WO 97/47119	12/11/97	PCT			
D	WO 97/47118	12/11/97	PCT			
D	WO 97/46073	12/11/97	PCT			
D	WO 97/37483	10/9/97	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Not	Lee Williams, "IP-Ready Cable Telephony", Arris-Interactive brochure, November 1998, 4 sheets
C	H.323, Version 2.0, "A Primer on the H.323 Series Standard", DataBeam, May 15, 1998, Pages 1-16
S	"S-A Wins Thinnovation Award", Channel Surfing, Broadband Magazine, Page 28
D	Robert Pease, "TCT Contracts For Fiber-To-The-Curb Application", Lightwave, November 1998, Page 27
D	Broadband Access Systems, Inc. web site, Broadband Access Systems, Inc., 1998
D	Samsung, "New Standard For Communications, Web Video Phone" brochure, Samsung Electronics, 1998
D	Antec, "Cornerstone: Picture Immediate Revenues For Your Network" brochure, Arris/Nortel Company

EXAMINER	DATE CONSIDERED
<i>Jul Ong</i>	7/19/04
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	3493.82491	09/475,293
	APPLICANT	
	Kung, et al.	
FILING DATE	December 30, 1999	GROUP ART UNIT
		Unknown 2666



RECEIVED
MAR 29 2000
GROUP 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
FD	5,923,731	7/13/99	McClure	—	—	—
	5,920,705	7/6/99	Lyon et al.			
	5,796,952	8/18/98	Davis et al.			
	5,708,961	1/13/98	Hylton et al.			
	5,706,342	1/6/98	Baeder et al.			
	5,612,997	3/18/97	Vallelonga, Sr. et al.			
	5,610,910	3/11/97	Focsaneanu et al.			
	5,483,588	1/9/96	Eaton et al.			
	5,253,341	10/12/93	Rozmanith et al.			
FD	4,922,529	5/1/90	Kiel	—	—	—

FOREIGN PATENT DOCUMENTS

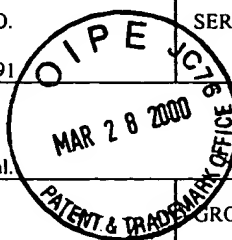
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	WO 99/16201	4/1/99	PCT			
	WO 98/30002	7/9/98	PCT	not		
	WO 98/41032		PCT			
	WO 97/16007	5/1/97	PCT	considered		
	WO 97/14238	4/17/97	PCT			
	WO 95/18501	7/6/95	PCT			
	0 758 175 A1	12/2/97	Europe			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

not	SmartWorks, "SmartWorks™ Call Agent", taken from 222.xybridge.com/ca-detailed2.htm, printed October 4, 1999
considered	Colin Low, "The Internet Telephony Red Herring", Hewlett Packard, Article, 1996, Pages 1-15
	S. Harris, et al., "Intelligent Network Realization And Evolution: CCLT Capability Set 1 and Beyond," International Switching Symposium, Yokohama, Japan, "Diversification And Integration Of Networks And Switching Technologies" Towards the 21 st Century, October 25-30, 1992, Proceedings Vol. 2, Page 127-131

EXAMINER	me Oz	DATE CONSIDERED	7/19/04
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.			

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	3493.82491	09/475,293
	APPLICANT	
	Kung, et al.	
FILING DATE	December 30, 1999	GROUP ART UNIT
		Unknown



RECEIVED
MAR 29 2000
GROUP 2700
2666

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
FD	6,011,909	1/4/00	Newlin et al.	—	—	—
	5,946,381	8/31/99	Danne et al.			
	5,916,302	6/29/99	Dunn et al.			
	5,894,504	4/13/99	Alfred et al.			
	5,870,565	2/9/99	Glitho			
	5,768,513	6/16/98	Kuthyar et al.			
	5,751,706	5/12/98	Land et al.			
	5,742,596	4/21/98	Baratz et al.			
	5,724,412	3/3/98	Srinivasan			
	5,712,907	1/27/98	Wegner et al.			
	5,533,110	7/2/96	Pinard et al.			
	5,428,608	6/27/95	Freeman et al.			
	5,363,431	11/8/94	Schull et al.			
	5,274,700	12/28/93	Gechter et al.			
TD	4,995,074	2/19/91	Goldman et al.	—	—	—

FOREIGN PATENT DOCUMENTS

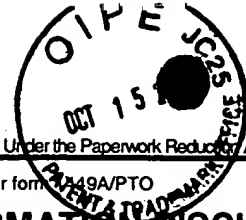
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	IBM Technical Disclosure Bulletin, "Workstation Communications System", Vol. 37, No. 9, September 1994, Pages 101-104
not	C. Yang, "Memo, Internet RFC/STD/FYI/BCP Archives, RFC1789, "INETPhone: Telephone Services And Servers On Internet," University Of North Texas, April 1995, 5 pages
	N. Miller, "State Of The Art Dial 1-800-Internet", Byte, February 1996, Pages 83, 84, 86 and 88
Con	R. Babbage, et al., "Internet Phone - changing the telephony paradigm?", BT Technol J, Vol. 15, No. 2, April 1997, Pages 145-157
	I. Naoko, et al., Abstract, "Voice Communications System And Voice Communication Method", Hitachi, Ltd., Application No. 05343162, filed 12/15/93
in doc	M. Koji, Abstract, "Conversation/Data Alternate Communication Equipment", Oki-Electric Ind. Co., Ltd., Application No. 05004142, filed 1/13/93
	W. Voigt, Abstract, "Incoming Call Indication to Data Terminal User - by Giving Engaged Data User Visual Display On Screen Whilst calling Party Receives Announcement", Telefonbau & Normalzeit GMBH (Tein)
	K. Sultan, Abstract, "Call Waiting Method For Modem - Involves Displaying Signal Indicating Calls Waiting On User Screen, and Accepting Commands From User to Place Both Modems on Hold so User Can Answer Telephone Call"

EXAMINER	DATE CONSIDERED
Jul 19/04	7/19/04

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.



Substitute for form PTA49A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/475,293
Filing Date	December 30, 1999
First Named Inventor	Fen-Chung Kung et al.
Group Art Unit	TBD 2566
Examiner Name	TBD DUONG, T
Attorney Docket Number	003493.82491 (IDS 1999-0304)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
FD		US-5,956,717	09-21-1999	Kraay et al.	
		US- 6,115,393	09-05-2000	Engel et al.	
		US- 6,122,357	09-19-2000	Farris et al.	
		US- 6,229,887	05-08-2001	Albers et al.	
		US- 6,233,313	05-15-2001	Farris et al.	
FD		US- 6,289,025	09-11-2001	Pang et al.	
		US- 6,324,279	11-27-2001	Kalmanek, Jr. et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED
OCT 17 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	7/19/04
-----------------------	--	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO

Complete Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

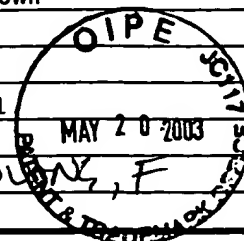
(use as many sheets as necessary)

Application Number	09/475293
Filing Date	12/30/1999
First Named Inventor	Fen-Chung Kung et al
Group Art Unit	2772 2666
Examiner Name	Not Yet Assigned DUNN, F
Attorney Docket Number	1999-0304

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
FD	US 1	6,519,249	B1	Bennefeld et al.	02/11/2003	
	US 2	6,490,274	B1	Kim	12/03/2002	
	US 3	6,442,266	B1	Wu	08/27/2002	
	US 4	6,438,223		Eskafi et al.	08/20/2002	
	US 5	6,438,222		Burg	08/20/2002	
	US 6	6,418,139	B1	Akhtar	07/09/2002	
	US 7	6,359,881	B1	Gerszberg et al.	03/19/2002	
	US 8	6,351,464	B1	Galvin et al.	02/26/2002	
	US 9	6,333,931	B1	LaPier et al.	12/25/2001	
	US 10	6,324,279	B1	Kalmanek, Jr. et al.	11/27/2001	
	US 11	6,304,566	B1	Schessel	10/16/2001	
	US 12	6,300,947	B1	Kanevsky	10/09/2001	
	US 13	6,295,298	B1	Hrastar et al.	09/25/2001	
	US 14	6,289,025	B1	Pang et al.	09/11/2001	
	US 15	6,285,750	B1	Brachman et al.	09/04/2001	
	US 16	6,266,405		Madour et al.	07/24/2001	
	US 17	6,263,503	B1	Margulis	07/17/2001	
	US 18	6,263,065	B1	Durinovic-Johri et al.	07/17/2001	
	US 19	6,262,979	B1	Anderson et al.	07/17/2001	
	US 20	6,233,313	B1	Farris et al.	05/15/2001	
	US 21	6,233,235	B1	Burke et al.	05/15/2001	
	US 22	6,229,887	B1	Albers et al.	05/08/2001	
	US 23	6,192,116	B1	Mayak	02/20/2001	
	US 24	6,163,531		Kumar	12/19/2000	
	US 25	6,160,880		Allen	12/12/2000	
	US 26	6,154,531		Clapper	11/28/2000	
	US 27	6,137,870		Scherer	10/24/2000	
FD	US 28	6,128,304		Gardell et al.	10/03/2000	



RECEIVED

MAY 21 2003

Technology Center 2600

FD	US 29	6,122,357	Farris et al.	09/19/2000	
	US 30	6,118,768	Bhatia et al.	09/12/2000	
	US 31	6,118,432	Kotorov et al.	09/12/2000	
	US 32	6,115,393	Engel et al.	09/05/2000	
	US 33	6,108,330	Bhatia et al.	08/22/2000	
	US 34	6,104,800	Benson	08/15/2000	
	US 35	6,061,434	Corbett	05/09/2000	
	US 36	6,052,725	McCann et al.	04/18/2000	
	US 37	6,052,444	Ferry et al.	04/18/2000	
	US 38	6,031,896	Gardell et al.	02/29/2000	
	US 39	6,028,848	Bhatia et al.	02/22/2000	
	US 40	6,023,724	Bhatia et al.	02/08/2000	
	US 41	6,006,253	Kumar et al.	12/21/1999	
	US 42	5,999,612	Dunn et al.	12/07/1999	
	US 43	5,999,602	Yang et al.	12/07/1999	
	US 44	5,987,508	Agraharam et al.	11/16/1999	
	US 45	5,978,470	Shaffer et al.	11/02/1999	
	US 46	5,970,072	Gammenthaler, Jr. et al.	10/19/1999	
	US 47	5,956,717	Kraay et al.	09/21/1999	
	US 48	5,946,386	Rogers et al.	08/31/1999	
	US 49	5,923,731	McClure	07/13/1999	
	US 50	5,917,624	Wagner	06/29/1999	
	US 51	5,912,962	Bosco	06/15/1999	
	US 52	5,907,604	Hsu	05/25/1999	
	US 53	5,898,668	Shaffer	04/27/1999	
	US 54	5,887,259	Zicker et al.	03/23/1999	
	US 55	5,867,495	Elliott et al.	02/02/1999	
	US 56	5,859,902	Freedman	06/12/1999	
	US 57	5,850,429	Joyce et al.	12/15/1998	
	US 58	5,825,862	Voit et al.	10/20/1998	
	US 59	5,805,587	Norris et al.	09/08/1998	
	US 60	5,796,424	Ely et al.	08/18/1998	
	US 61	5,796,394	Wicks et al.	08/18/1998	
	US 62	5,784,444	Snyder et al.	07/21/1998	
FD	US 63	5,764,752	Waite et al.	06/09/1998	

RECEIVED

MAY 21 2003

Technology Center 2600

FD	US 64	5,751,760	Fuller et al.	05/12/1998	
	US 65	5,742,905	Pepe et al.	04/21/1998	
	US 66	5,740,231	Cohn et al.	04/14/1998	
	US 67	5,740,230	Vaudreuil	04/14/1998	
	US 68	5,724,412	Srinivasan	03/03/1998	
	US 69	5,696,815	Smyk	12/09/1997	
	US 70	5,689,555	Sonnenberg	11/18/1997	
	US 71	5,652,789	Miner et al.	07/29/1997	
	US 72	5,629,978	Blumhardt et al.	05/13/1997	
	US 73	5,615,252	Sizer, II et al.	03/25/1997	
	US 74	5,592,529	Linsker	01/07/1997	
	US 75	5,546,447	Skarbo et al.	08/13/1996	
	US 76	5,537,157	Washino et al.	07/16/1996	
	US 77	5,449,970	Kumar et al.	09/12/1995	
	US 78	5,375,161	Fuller et al.	12/20/1994	
	US 79	5,349,638	Pitroda et al.	09/20/1994	
	US 80	5,341,425	Wasilewski et al.	08/23/1994	
TD	US 81	5,276,731	Arbel et al.	01/04/1994	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ²	Number (if known)	Kind Code ²				
		F-1	WO-99/53719		not considered!			
		F-2	WO-99/44352		No copies provided!!			
		F-2	EP 0848 560					
Examiner Signature		[Signature]			Date Considered	7/19/04		

*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents ³Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Substitute for form 1-49A/PTO		Complete Known	
MAY 20 2003		Application Number	09/475293
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	12/30/1999
		First Named Inventor	Fen-Chung Kung et al.
		Group Art Unit	2772666
		Examiner Name	Not Yet Assigned DUONG, F
Sheet	4 of 4	Attorney Docket Number	1999-0304

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PA-1		Singh, Raj K. et al., "A Programmable-HIPPI Interface for a Graphics Supercomputer", <u>ACM Special Interest Group on Computer Architecture</u> , 1993, 0-8186-4340-4, pps. 124-132 <i>not considered!</i>	<input type="checkbox"/>
PA-2		Indiresan, Atri et al., "The-End: A Network Adapter Design Tool", <u>Seventeenth Annual Joint Conference of Computer and Communications Societies, Proceedings</u> , IEEE 0-7803-4383-2, 1998, pps. 756-764 <i>No Copies Provided!!</i>	<input type="checkbox"/>

Examiner Signature	<i>mil M</i>	Date Considered	7/19/04
--------------------	--------------	-----------------	---------

*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number ² Applicant is to place a check mark here if English language translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

RECEIVED

MAY 21 2003

Technology Center 2600

Substitute for form 1449A/PTO

Complete Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use additional sheets as necessary)

Application Number	09/475293	RECEIVED JUN 04 2003 Technology Center 2600
Filing Date	12/30/1999	
First Named Inventor	Fen-Chung Kung et al.	
Group Art Unit	2772	
Examiner Name	Not Yet Assigned <i>DUONG</i>	
Attorney Docket Number	1999-0304	

Sheet 3 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>FD</i>	US 87	6,522,628	B1	Patel et al.	02/18/2003	
	US 88	6,501,740	B1	Sun et al.	12/31/2002	
	US 89	6,493,324	B1	Truetken	12/10/2002	
	US 90	6,459,913	B2	Cloutier	10/01/2002	
	US 91	6,437,692	B1	Petite et al.	08/20/2002	
	US 92	6,425,131	B2	Crandall et al.	07/23/2002	
	US 93	6,418,146	B1	Miloslavsky	07/09/2002	
	US 94	6,404,735	B1	Beshai et al.	06/11/2002	
	US 95	6,393,017	B1	Galvin et al.	05/21/2002	
	US 96	2002/0056112	A1	Dureau et al.	05/09/2002	
	US 97	6,374,124	B1	Slabinski	04/16/2002	
	US 98	6,363,411	B1	Dugan et al.	03/26/2002	
	US 99	6,356,546	B1	Beshai	03/12/2002	
	US 100	6,332,139	B1	Kaneko et al.	12/18/2001	
	US 101	6,317,884	B1	Eames et al.	11/13/2001	
	US 102	6,310,889	B1	Parsons et al.	10/30/2001	
	US 103	6,292,553	B1	Fellingham et al.	09/18/2001	
	US 104	6,243,388	B1	Mussman et al.	06/05/2001	
	US 105	6,188,756	B1	Mashinsky	02/13/2001	
	US 106	6,185,288	B1	Wong	02/06/2001	
	US 107	6,167,043		Frantz	12/26/2000	
	US 108	6,163,531		Kumar	12/19/2000	
	US 109	6,118,784		Tsuchiya et al.	09/12/2000	
	US 110	6,104,704		Buhler et al.	08/15/2000	
	US 111	6,101,246		Heinmiller et al.	08/08/2000	
	US 112	6,084,892		Shinohara	07/04/2000	
	US 113	6,038,233		Hamamoto et al.	03/14/2000	
<i>FD</i>	US 114	6,031,899		Wu	02/29/2000	

FD	US 115	6,005,861	Humpleman	1/1999	
	US 116	5,987,100	Fortman et al.	11/16/1999	RECEIVED
	US 117	5,928,335	Morita	07/27/1999	JUN 04 2003
	US 118	5,907,598	Mandalia et al.	05/25/1999	Technology Center 2600
	US 119	5,898,780	Liu et al.	04/27/1999	
	US 120	5,883,942	Lim et al.	03/16/1999	
	US 121	5,883,677	Hofmann	03/16/1999	
	US 122	5,850,340	York	12/15/1998	
	US 123	5,825,829	Borazjani et al.	10/20/1998	
	US 124	5,802,160	Kugell et al.	09/01/1998	
	US 125	5,802,045	Kos et al.	09/01/1998	
	US 126	5,793,413	Hylton et al.	08/11/1998	
	US 127	5,790,806	Koperda	08/04/1998	
	US 128	5,754,775	Adamson et al.	05/19/1998	
	US 129	5,742,596	Baratz et al.	04/21/1998	
	US 130	5,737,333	Civanlar et al.	04/07/1998	
	US 131	5,724,411	Eisdorfer et al.	03/03/1998	
	US 132	5,689,501	Takase et al.	11/18/1997	
	US 133	5,642,348	Barzegar et al.	06/24/1997	
	US 134	5,628,005	Hurvig	05/06/1997	
	US 135	5,559,800	Mousseau et al.	09/24/1996	
	US 136	5,406,557	Baudoin	04/11/1995	
FD	US 137	5,187,710	Chau et al.	02/16/1993	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ²	Number (if known)	Kind Code ²				
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
Examiner Signature		me Dy			Date Considered	7/19/04		

*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents ³Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449 A/PTO

Complete Known

**INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Application Number 09/475293
 Filing Date 12/30/1999
 First Named Inventor Fen-Chung Kung et al.
 Group Art Unit 2772
 Examiner Name Not Yet Assigned
 Attorney Docket Number 1999-0304

RECEIVED

JUN 04 2003

Technology Center 2600

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FD	PA3	Bodamer, Charging in Multi-Service Networks, University of Stuttgart, pp. 1-15, 11/12/1998	<input type="checkbox"/>
FD	PA4	Odlyzko, et al., A Modest Proposal for Preventing Internet Congestion, DIMACS Technical Report, pp. 1-29, 10/1997	<input type="checkbox"/>
FD	PA5	PKT-TR-ARCH-VOL-991201, Packetcable 1.0 Architecture Framework Technical Report, CableLabs, pp 1-64, 12-01-99	<input type="checkbox"/>
FD	PA6	Rupp et al., INDEX: A Platform for Determining How People Value the Quality of their Internet Access, pp. 1-7 5/1998	<input type="checkbox"/>

Examiner Signature	<i>me Dy</i>	Date Considered	7/19/04
--------------------	--------------	-----------------	---------

*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number ² Applicant is to place a check mark here if English language translation is attached.

SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450